

METHOD FOR MEASURING THE SPEED OF A RAIL VEHICLE AND INSTALLATION THEREFOR

Abstract of the Disclosure

5 In order to measure a speed of a vehicle having an antenna and travelling on a
track formed by two rails, first and second discontinuities are detected. The first
discontinuity is detected in a current or voltage of a signal generated by an antenna
when the vehicle passes a first tuning block of an electric joint. The second
discontinuity is detected in a current or voltage of a signal generated by the antenna
when the vehicle passes a second tuning block of the electric joint. The detected
10 discontinuities are used to measure the speed of the vehicle travelling on a track divided
in track sections separated by electric joints. Each electric joint includes two tuning
blocks and a predetermined length of a track section, wherein each of the tuning blocks
allows power coupling between adjacent track sections.

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